# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L5 | 13 | reverse adj bias with control near2 circuit with (mosfet p $1i$1n) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 10:31 |
| L6 | 51 | (US-20060113612-$ or US-20020074612-$ or US-20020109153-$ or US-20030057459-$ or US-20020011622-$ or US-20050121721-$ or US-20050146928-$ or US-20070267619-$ or US-20040238890-$ or US-20020117689-$ or US-20060202254-$ or US-20050139917-$).did. or (US-5677215-$ or US-5753958-$ or US-6232163-$ or US-5589696-$ or US-5596217-$ or US-5686739-$ or US-5705827-$ or US-5793086-$ or US-5828101-$ or US-5869847-$ or US-6015993-$ or US-6657240-$ or US-4458261-$ or US-5105247-$ or US-5936265-$ or US-4247863-$ or US-5168337-$ or US-5248623-$ or US-4969019-$ or US-6936895-$ or US-5985727-$ or US-5612565-$ or US-5616944-$ or US-6111305-$ or US-6909135-$ or US-5592012-$).did. or (US-5998847-$ or US-5164805-$ or US-6600192-$ or US-6617643-$ or US-6861689-$ or US-6617670-$ or US-6420765-$ or US-7109108-$ or US-6653682-$ or US-3868718-$ or US-6528897-$ or US-4037140-$ or US-4963945-$).did. | US-PGPUB; USPAT | OR | ON | 2010/02/16 10:35 |
| L7 | 20 | l6 and reverse adj bias$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 10:35 |

| L8 | 1 | ("2006/0113612").URPN. | USPAT | OR | ON | 2010/02/16 11:56 |
|---|---|---|---|---|---|---|
| L9 | 401 | reverse adj bias with control near2 circuit | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 11:57 |
| L10 | 107 | reverse adj bias with control near2 circuit and (mosfet p $1i$1n) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 11:58 |
| L11 | 158 | ((MOSFET device P$1I$1N) with reverse adj bias$3) same ((control adj circuit) with (apply voltage gate modulate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 12:39 |
| L12 | 48 | l11 and @ad< ="20030619" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 12:40 |
| L13 | 0 | control with gate near2 voltage with feedback with reverse near2 bias | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 13:00 |
| L14 | 3 | control with gate with voltage with feedback with reverse near2 bias | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 13:00 |
| L15 | 7 | control with gate with voltage same feedback with reverse near2 bias | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 13:01 |
| L16 | 102 | control same gate with voltage same feedback same reverse near2 bias | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 13:01 |
| L17 | 49 | control same gate near3 voltage same feedback same reverse near2 bias | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/16 13:02 |
| S66 | 1 | (09/955275).APP. | USPAT; USOCR | OR | ON | 2010/02/02 11:41 |
| S67 | 7 | ("4223329" | "5124769" | "5714771" | "6166786" | "6274888" | "6288413" | "6384427").PN. OR ("6815719").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 11:41 |
| S68 | 14 | ("4809056" | "5089870" | "5712501" | "5812231" | "5898204" | "5920093" | "H001435").PN. OR ("6166786").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 11:49 |

| S69 | 46 | (US-20060113612-$ or US-20020074612-$ or US-20020109153-$ or US-20030057459-$ or US-20020011622-$ or US-20050121721-$ or US-20050146928-$ or US-20070267619-$ or US-20040238890-$ or US-20020117689-$ or US-20060202254-$).did. or (US-5677215-$ or US-5753958-$ or US-6232163-$ or US-5589696-$ or US-5596217-$ or US-5686739-$ or US-5705827-$ or US-5793086-$ or US-5828101-$ or US-5869847-$ or US-6015993-$ or US-6657240-$ or US-4458261-$ or US-5105247-$ or US-5936265-$ or US-4247863-$ or US-5168337-$ or US-5248623-$ or US-4969019-$ or US-6936895-$ or US-5985727-$ or US-5612565-$ or US-5616944-$ or US-6111305-$ or US-6909135-$ or US-5592012-$).did. or (US-5998847-$ or US-5164805-$ or US-6600192-$ or US-6617643-$ or US-6861689-$ or US-6617670-$ or US-6420765-$ or US-7109108-$ or US-6653682-$).did. | US-PGPUB; USPAT | OR | ON | 2010/02/02 12:04 |
| S70 | 36 | S69 and control$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 12:04 |
| S71 | 820 | control near2 circuit with ((effective adj length) (revers $3 adj bias$3) (carrier near3 concentration)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 12:25 |
| S72 | 73 | S71 and "257".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 12:25 |
| S73 | 1 | ("2006/0113612").URPN. | USPAT | OR | ON | 2010/02/02 12:41 |

| S74 | 9 | ("20010053569" \| "20020163027" \| "20030006431" \| "20040016968" \| "20040262690" \| "20060113612" \| "5920088" \| "6239472" \| "6511884"). PN. OR ("7608867").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 12:42 |
|---|---|---|---|---|---|---|
| S75 | 7677 | IMOS | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 12:43 |
| S76 | 115 | S75 and "257".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 12:44 |
| S77 | 0 | (10/848170).APP. | USPAT; USOCR | OR | ON | 2010/02/02 13:05 |
| S78 | 0 | ("2005/0139917").URPN. | USPAT | OR | ON | 2010/02/02 13:06 |
| S79 | 10 | ("4037243" \| "4115709" \| "5040037" \| "5047815" \| "5874768" \| "5936265" \| "6239662" \| "6274908" \| "6617643" \| "6657240").PN. | USPAT | OR | ON | 2010/02/02 13:06 |
| S80 | 64 | control near2 circuit with (effective adj length) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:21 |
| S81 | 6 | control near2 circuit with (effective near3 length near3 (intermediate channel)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:22 |
| S82 | 4324 | (effective near3 length near3 (intermediate channel)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:24 |
| S83 | 528 | S82 and pin | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:24 |
| S84 | 439 | S82 and p$1i$1n | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:32 |
| S85 | 385 | 257/392,E29.195.ccls. and @ad< ="20020619" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:46 |
| S86 | 275 | S85 and control$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 13:50 |
| S87 | 5491 | P-I-N | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 15:52 |

| S88 | 1015 | S87 and (controller (control adj circuit)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 15:52 |
| S89 | 490 | S88 and @ad<="20020619" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 15:53 |
| S90 | 127 | S89 and ("257".clas. "438. clas" "361".clas. "365".clas.) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/02/02 16:07 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S91 | 12 | (first and second and polarity and gate and offset and control and circuit and bias$2 and revers$3).clm. | USPAT; UPAD | OR | ON | 2010/02/02 15:42 |
| S92 | 8 | ((KAILASH) near2 (GOPALAKRISHNAN)).INV. | USPAT; UPAD | OR | ON | 2010/02/02 15:44 |
| S93 | 48 | ((JAMES) near2 (PLUMMER)).INV. | USPAT; UPAD | OR | ON | 2010/02/02 15:45 |

**2/16/2010 1:44:52 PM**
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